



TERMINATION DEVICES

CID-1 CUSTOMER INTERFACE DEVICE

DESCRIPTION

The CID-1 customer interface device is a low-cost, fused KYZ termination device. It provides two sets of K, Y, & Z connector terminals, one for connection to the meter's K, Y, and Z output terminals and the other for the utility customer's energy control system input terminals.

The CID-1 is available in several mounting configurations for use in a wide range of mounting schemes.

The CID-1's input and output circuit's terminal strips are "EURO" type. When the stripped wire has been correctly installed in the terminals "slot", no conductive parts are exposed on the surface of the terminal strip, thus allowing the user maximum protection from accidental electrical shock. Each lead of the CID-1 is individually fused to prevent damage to the meter or the customer's energy control system. In addition, a built-in "snubber" network is installed to suppress excessive transient voltages.

The CID-1 features a NEMA 3R PVC enclosure and offers excellent electrical insulation. A gasketed lid ensures that the circuit inside remains dry and clean.



FUNCTIONAL SUMMARY

	IN	OUT
#	1	1
TYPE	2 or 3 Wire	2 or 3 Wire
FORM	A or C	A or C

CID-1

CONFIGURATIONS AVAILABLE

- CID-1A:** No holes, vertical mounting feet
- CID-1B:** One 7/8" hole in back; one 7/8" hole on bottom for 1/2" conduit coupling, vertical mounting feet
- CID-1C:** Two 7/8" holes on bottom for 1/2" conduit connections, horizontal mounting feet
- CID-1D:** One 7/8" hole on bottom for 1/2" conduit coupling, vertical mounting feet
- CID-1E:** One 1/2" threaded nipple on bottom, one 7/8" hole in back, vertical mounting feet.
- CID-1F:** Two 1/2" threaded nipples on bottom, horizontal mounting feet.
- CID-1G:** One 7/8" hole on bottom, two 7/8" holes on sides, one 7/8" hole in back for 1/2" conduit connections, vertical mounting feet



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SPECIFICATIONS

ELECTRICAL

Input/Output Voltage:	300 VAC
Input/Output Resistance:	50 milliohms maximum
Insulation Resistance:	50 megohms typical

MECHANICAL

Mounting:	Any position
Size:	4.5" wide, 4.5" high, 2.25" deep
Weight:	~1 pound, depending on mounting configuration

TEMPERATURE

Temperature Range:	-38° C to +70° C, -36.4° F to +158° F
Humidity:	0 to 98% non-condensing

CID-1